



Sheet 1 of 2

FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION PURSUANT TO
37 CFR §1.97 & 1.98**

Docket Number:	Serial Number:
4015-984	09/915,896
Applicant:	
Paul W. Dent	
Filing Date:	Group:
December 5, 2001	2681

U. S. PATENT DOCUMENTS

Examiner		Patent No.	Date	Name	Class	Subcl	Filing Date
Initial							If Approp.
<i>W</i>	A	5,481,572	1996	Skold et al.			Technology Center 2600 DEC 20 2001
<i>W</i>	B	5,499,272	1996	Bottomley			
<i>W</i>	C	5,594,941	1997	Dent			
<i>W</i>	D	5,619,503	1997	Dent			
<i>W</i>	E	5,631,898	1997	Dent			
<i>W</i>	F	5,642,358	1997	Dent			
<i>W</i>	G	5,724,666	1998	Dent			
<i>W</i>	H	5,812,935	1998	Kay			
<i>W</i>	I	5,812,947	1998	Dent			
<i>W</i>	J	5,845,199	1998	Longshore			
<i>W</i>	K	5,848,060	1998	Dent			
<i>W</i>	L	5,867,791	1999	Chambert			
<i>W</i>	M	5,883,888	1999	St-Pierre			

FOREIGN PATENT DOCUMENTS

	Patent No.	Date	Name	Class	Subcl	Translation	
						Yes	No

OTHER DOCUMENTS (including author, title, date, pages, etc.)

<i>W</i>	1	<i>Initial Estimation of Communication Efficiency of Indoor Wireless Channels</i> , G. J. Foschini and R. A. Valenzuela, Wireless Networks 3, pp. 141-154, 1997; Lucent Technologies, Bell Labs Innovations, Crawford Hill Laboratory, Holmdel, NJ 07733, USA					
<i>W</i>	2	<i>On Limits of Wireless Communications in a Fading Environment When Using Multiple Antennas</i> , G. J. Foschini and M.J. Gans, Wireless Personal Communications, Vol. 6 (No.3), pp. 311-335, Kluwer Academic Publishers, March, 1998; Lucent Technologies, Bell Labs Innovations, Crawford Hill Laboratory – R137, 791 Holmdel-Keyport Road, Holmdel, NJ 07733-0400, USA					

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U. S. PATENT DOCUMENTS

Examiner		Patent No.	Date	Name	Class	Subcl	Filing Date
Initial							If Approp.
<i>W</i>	N	5,909,460	1999	Dent			Technology Center 2600
<i>W</i>	O	5,930,248	1999	Langlet et al.			
<i>W</i>	P	5,940,742	1999	Dent			
<i>W</i>	Q	5,963,874	1999	Mahler			
<i>W</i>	R	5,991,282	1999	Langlet et al.			
<i>W</i>	S	6,006,075	1999	Smith et al.			
<i>W</i>	T	6,081,566	2000	Molnar et al.			
<i>W</i>	U	6,088,593	2000	Dent			
<i>W</i>	V	6,104,933	2000	Frodigh et al.			

EXAMINER

Whicklow

DATE CONSIDERED

08/24/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.

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